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**(54) ACTING AGENT OF PRODUCTION PROMOTION  
OF NERVE GROWTH FACTOR**

(57) Abstract:

PURPOSE: To obtain a preventive and remedy for dementia, central nerve disease, etc., promoting formation and secretion of nerve growth factor, containing a specific cinnamic acid amide compound such as 3,4-dihydroxycinnamic acid amide and an acid addition salt thereof.

CONSTITUTION: A preventive and remedy for Alzheimer's disease, dementia caused by aging, further

neutral nerve disease caused by ischemic cerebral disease and advance of disorder of nerve cell containing a cinnamic acid amide compound (e.g., 3,4-dihydroxy-N-methylcinnamic acid amide) shown by formula I [ $R^1$  and  $R^2$  are H, alkyl, acyl or aralkyl;  $R^3$  and  $R^4$  are H, alkyl, aralkyl, group shown by formula II ( $R^5$  is H, alkyl, cycloalkyl, aryl, aralkyl or aryloxyalkyl; m is 0-4; n is 1-3) or  $R^3$  and  $R^4$  are bonded to adjacent N to form heterocyclic group] and a pharmaceutically acceptable acid addition salt.

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